

CLAIMS

1. An oxygen absorber, containing a cyclized conjugated diene polymer as an active ingredient.
2. The oxygen absorber according to claim 1, wherein the percent decrease in unsaturated-bond amount of the cyclized conjugated diene polymer is 10% or more.
3. The oxygen absorber according to claim 1 or 2, wherein the weight-average molecular weight of the cyclized conjugated diene polymer is 1,000 to 1,000,000.
4. The oxygen absorber according to any one of claims 1 to 3, containing the cyclized conjugated diene polymer as the active ingredient, and further containing a thermoplastic resin.
5. The oxygen absorber according to claim 4, wherein the thermoplastic resin is at least one selected from the group consisting of polyolefin resin, polyester resin, and polyamide resin, and polyvinyl alcohol resin.
6. The oxygen absorber according to any one of claims 1 to 5, containing 500 ppm or lower of an antioxidant.
7. The oxygen absorber according to any one of claims 1 to 6, which is in a film, sheet or powder form.

8. The oxygen absorber according to any one of claims 1 to 7, wherein the cyclized conjugated diene polymer is a polymer containing a polar group.

9. The oxygen absorber according to claim 8, wherein the polar group is at least one group selected from the group consisting of acid anhydride, carboxyl, hydroxyl, ester, epoxy and amino groups.

10. The oxygen absorber according to claim 8 or 9, wherein the content of the polar group is 0.1 to 200 mmol per 100 g of the polar-group-containing cyclized conjugated diene polymer.